

PAPA Regional Technical Meeting

March 19, 2025
8:00 AM to 3:00 PM
District 8

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2024 Asphalt Mix Testing

Testing:

- **120** Lots- Mixture Acceptance by box sample
- **110** Lots – Density Acceptance by pavement core

Failure:

- **1**-AC Content failures **Low Asphalt- Retested**
- 0-Gradation failures
 - #xxx 200 Sieve -
 - #xxx Primary Control Sieve -
- **3**-Density failures- **All accepted at 70% CUP**

Retests Requested:

- # Requested = **1**
- Retest Results = **Retest payment 88% also had an outlier, after outlier removed new pay 96% CUP**

<u>JMF</u>	<u>Asph. %</u>	<u>PCS</u>	<u>#200</u>	<u>% Comp.</u>	<u>OLPF</u>	<u>Disposition</u>	<u>Closed in eCAMMS</u>
W19721H1	104	104	104	0	R&R	pay 70% CUP	7/24/2024
W125721H2	104	104	104	0	R&R	pay 70% CUP	8/27/2024
W125731E2	0	60	104	90.25	R&R	Potential Outlier, Sublot 5, density. Retest request submitted 10/28/24 retest results OLPF =88% Outlier letter submitted in eCAMMS 11/20/24 new payment 96% CUP	1/3/2025
W125731H1	104	104	104	0	R&R	RPS, subplot 2 waxed pay 70% CUP	

2024 Asphalt Mix Testing

Percent Pay:

- AC Content
 - >100%: **79**
 - 100%: **22**
 - <100%: **19**
- Gradation: No. 200 Sieve
 - >100%: **91**
 - 100%: **20**
 - <100%: **9**

Percent Pay:

- Gradation: PCS
 - >100%: **62**
 - 100%: **2**
 - <100%: **35**
- Density
 - >100%: **72**
 - 100%: **20**
 - <100%: **18**

▶ 2024 Longitudinal Joint Density Performance

	Longitudinal Joint Density Summary						
Year	2024	2023	2022	2021	2020	2019	2018
Lots Tested	16	69	30	77	74	46	61
% Density Range	86.4-97.1	86.6-97.3	87.0-97.0	86.5-99.2	87.1-99.5	87.8-97.3	86.4-97.6
% Average Density	92.8	92.9	92.5	93.0	92.6	92.7	62.6
Incentive Lots	10						
100% Payment Lots	3						
Disincentive Lots	3						
Total \$ for Incentive Lots	61,350	233,652	173,537	241,163	248,120	177,938	234,209
Total \$ for Disincentive Lots	-14,750	0	-7,599	0	0	0	0
Delta (Incentive – Disincentive)	46,600	233,652	166,037	241,163	248,120	177,938	234,209

REF: Section 405 Evaluation of Bituminous Pavement Longitudinal Joint Density and Payment of Incentive/Disincentive

2024 Longitudinal Joint Density Performance

- Longitudinal Joint Type
 - Which joint type is being utilized most?
Most all wedges are Notch wedge. Occasionally vertical used on smaller paving applications, like approaches, where tied in same day
 - Are you having any longitudinal joint issues?
None
 - Did you or are you planning to use J-Band (**Void Reduction Asphalt Membrane VRAM**) instead of PUB 408 Section 405? If you specified/utilized, what are your observations?
Have used on multiple jobs so far, will continue to use on higher volume multi-lane roadways

2025 Planned Construction Projects

ECMS	County	SR	Section	Description	Let Date	Tonnage	Notes
97013	Lancaster	0222	059	US 222/US 30 Interchange Improvements	6/9/2022	115853	Multi Year Project
92945	Dauphin	0322	050	US 322 & Chambers Hill Rd	4/13/2023	36378	Multi Year Project
113276	Dauphin	0022	093	Cameron St Resurface	4/27/2023	2266	6.33 mm
97828	Dauphin	0083	079	I-83 East Shore Section 3	8/24/2023	91743	Multi Year SMA
115783	Cumberland	0011	127	Carlisle Connectivity Project	10/19/2023	4564	Multi Year Project
116664	Cumberland	0034	062	Spring Rd Resurf 2	5/9/2024	6262	
109620	Lancaster	0222	072	US 222 Resurface 2	5/23/2024	20276	
113256	Adams	0116	055	PA 116 Main Street Resurface	6/6/2024	6983	
116105	York	4005	018	Sysquehanna Trail Resurface	8/8/2024	5747	
117362	Lancaster	0772	059	Rothsville Road Resurface	8/8/2024	4479	
90948	York	4012	004	Creek Road Resurface	9/26/2024	4604	
108732	York	2079	006	Red Lion Ave Resurface	9/26/2024	7358	
113299	Perry	0274	030	Big Spring Road Resurface 2	9/26/2024	9176	
120663	Lancaster	0222	086	US 222 Resurfacing 3	10/24/2024	38200	
106709	Franklin	0997	037	PA 997 & SR 2015 Intersection	1/16/2025	7343	
100228	York	0851	026	Forrest Ave Resurface	1/30/2025	11703	
116120	Cumberland	0174	017	Walnut Bottom Resurface	1/30/2025	14335	
92006	Franklin	0081	099	I-81 Maryland to Mile 6	2/13/2025	52384	SMA
120746	Adams	0094	033	Carlisle Pike Resurface 2 Split	3/27/2025	5479	
118276	Dauphin	0441	037	Eisenhower Bl Safety Improvement	4/10/2025	2158	
96225	Cumberland	0233	024	Doubling Gap Rd Resurface	5/8/2025	5858	
116116	York	0030	159	Arsenal Rd Resurf 2	5/22/2025	71865	
108527	Dauphin	3024	004	SR 3024 Resurface	6/5/2025	6365	
90995	Franklin	0075	014	Fort Loudon Rd Resurf 2	6/5/2025	11116	
116104	York	0616	012	Trinity Rd Resurf	6/26/2025	3788	

District Rehabilitation Projects

- Have you bid and/or completed any crack & seat, break & seat, or rubblization projects with asphalt structural overlay in the past few years?

None

- Do you have any projects programmed for 2025 or 2026 or in future construction seasons? If so, where and what is the ECMS#? **None scheduled**

District Reconstruction Projects

- Do you have any highway reconstruction projects programmed to be let for 2025, 2026 or 2027 construction seasons? If so, when (anticipated let date), where (County, SR - Segment – Offsets) and what is the ECMS# (if known)?

Over the next ten years or so, SR 83 around Harrisburg and SR 83 North York widening. Multiple projects in both locations.

▶ 2025 Maintenance Asphalt Tons (Estimated)

County	9.5 mm	9.5 mm LVR	12.5 mm	19.0 mm	19.0 mm LVR	25.0 mm	25.0 mm LVR
8-1		2125	7600				
8-2							
8-3							
8-4		6100			39750		
8-5			550		440		1100
8-7	374		6412				
8-8							
8-9							
TOTAL TONS	374	8225	14562		40190		1100

LVR = Low Volume Roads

District EPD Status

- Please discuss your experience with the implementation of the Asphalt EPD Policy & SSP.
 - **Pluses-Makes everyone more aware of everyday operational costs. Plants may find cost savings changes throughout the EPD process.**
 - **Minuses-Cost to have every plant have separate memberships for smaller producers. Price per ton will eventually reflect the cost of the EPD's**
- Are contractors in your District having any issues complying? **D 8 producers are doing a great job of getting their EPD's into eCAMMS. As of now we have one producer asking for an exemption due to only providing mix to Maintenance & Municipalities.**

District 6.3 mm & SMA Projects

- List 2025 6.3 mm Thin Lift projects
 1. **EMS 113276 SR 22, Dauphin County**
- List 2025 SMA Projects & Note those with 10% RAP
 - Current-ECMS 97828 SR 83 Dauphin County, (Multi Year Project), NESL**
 - ECMS 92006 SR 81-099 Franklin County, MD line to MM 6, NESL**
 - Future-SR 83 around Harrisburg and SR 83 North York widening will be SMA**
- List any 2025 or 2026 HiMOD SMA Pilot Projects?
 1. **None**
- What did you learn from any 2024 HiMOD Projects?
 - **Have no experience**

District 2024 RAP Mix Percentages

- Please provide average RAP % for the following mixes:
 - Wearing - **16%** and total tons **249,547**
 - Binder - **20%** and total tons **56,819**
 - Base – **16 %** and total tons **75,830**
 - Average RAP % of all mixes – **17%** and total tons **382,197**
- How do we overcome the impediments to increasing RAP% in the mixes?
 - **Quicker turn around time by LTS for binder replacement testing or going to third party testing**
 - **RAP with documented SRL rating (E or H) should retained and separated for future paving jobs requiring E or H**

DISTRICT STATUS BMD HWTT/IDEAL-CT TESTING

- Please discuss District opinion of BMD status & next steps. **Important to gather as much information as possible and compare it to other states who have implemented BMD. Carefully studying the data will result in longer life pavement.**

District Innovations & Best Practices

- Please discuss any Innovations/Best Practices that you have piloted or recommend.
 - **Increase usage of VRAM**
 - **Cover RAP pile to make more consistent**

2024 District Issues - Problems

- Please discuss any issues, problems, etc. that you had with asphalt paving producers or contractors. How did you resolve them?
 - X
 - X

2025 District Changes - Direction

- Please list - discuss any District changes to policy, specifications, special provisions, etc. that are relevant to the asphalt paving industry.
 - ✓ XX
 - ✓ XX
- Any staff changes since last year?
 - ✓ **No staff changes this past year**

Audience Questions/Comments???



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